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10/599,987	10/16/2006	Seok-Bae Seo	0144-P0136A	7845

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HYUN JONG PARK
Park & Associates IP Law LLC
265 Bic Drive
Suite 106
Milford, CT 06461

EXAMINER
THIER, MICHAEL

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>23 June 2010</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-21</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-5,9-15,20 and 21</u> is/are rejected.

7)☒ Claim(s) <u>7 and 17</u> is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>16 October 2006</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All   b)☐ Some *   c)☒ None of:

       1.☐ Certified copies of the priority documents have been received.

       2.☐ Certified copies of the priority documents have been received in Application No. _____.

       3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)   4)☐ Interview Summary (PTO-413)
                                                     Paper No(s)/Mail Date. _____ .
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5)☐ Notice of Informal Patent Application
3)☐ Information Disclosure Statement(s) (PTO/SB/08)   6)☐ Other: _____ .
     Paper No(s)/Mail Date _____ .

DETAILED ACTION

Priority

1.   Acknowledgment is made of applicant's claim for foreign priority based on an

application filed in Korean on 4/22/2004. It is noted, however, that applicant has not

filed a certified copy of the 10-2004-0027979 application as required by 35

U.S.C. 119(b).

Response to Arguments

2.   Applicant's arguments have been considered but are moot in view of the new

ground(s) of rejection.

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1-6, 8-16, and 18-21 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Korean Publication 2002-73865 (hereinafter Lee, the examiner notes

the use of a US translation of the application filed for this publication for the following

citations) in view of Korean Publication 2003-5085 (hereinafter Dadream, the examiner

notes the use of a US translation of the application filed for this publication for the

following citations) in further view of Moore et al. (US 7221748).

Regarding claims 1 and 11. Lee teaches a method and system of providing call number owner's information of wire/wireless communication terminal through information communication network (title, abstract) , the method comprising:

(a) receiving a call number owner's information that includes at least a call number and a call number owner's name or its business name, from a plurality of call number owner's terminal and storing it (Lee abstract and 2nd page of the translation Structure and Function of the Invention (device) section, i.e. the user sends their profile from their mobile to the profile DP for storage and the joining member inputs their telephone number of the receiver.);

(b) receiving a call number for which call number the owner's information is required by a call number management program run on the communication terminal (Lee abstract and 2nd page of the translation Structure and Function of the Invention (device) section, i.e. the user sends their profile to the profile DB for storage and the joining member inputs their telephone number of the receiver);

However, he does not specifically disclose (c) reading the call number owner's information corresponding to the received call number in said (b) step from the stored call number owner's information in said (a) step and transmitting the information to the call number management program; (d) pairing the call number with a communication terminal number to which the call number owner's information is transmitted in said (c) step and to store the pair data as a backup record; and (e) using the call number management program to automatically generate a call number store by matching the corresponding call number owner's information transmitted in said (c) step with the

received call number in said (b) step and storing it in the memory of communication

terminal.

Dadream teaches a method and system for automatically storing user

information in a mobile communication terminal (title and abstract). He teaches the idea

of: (c) reading the call number owner's information corresponding to the received call

number in said (b) step from the stored call number owner's information in said (a) step

and transmitting the information to the call number management program (page 3 of the

translation, 14th paragraph following the header "The Structure and Function of the

Invention (Device)", starting with "In fig. 1, after the requester...", i.e. the user inputs a

phone number and connects to the information providing server, the information

providing server then transmits the object corresponding to the number to the mobile

communication terminal); (d) pairing the call number with a communication terminal

number to which the call number owner's information is transmitted in said (c) step and

to store the pair data as a backup record. (page 3 of the translation, 14th paragraph

following the header "The Structure and Function of the Invention (Device)", starting

with "In fig. 1, after the requester...", i.e. the user inputs a phone number and connects

to the information providing server, the information providing server then transmits the

object to the mobile communication terminal for storage in the mobile terminal

phonebook with the corresponding number, therefore a backup is stored since it is now

stored in the database and the terminal); and (e) using the call number management

program to automatically generate a call number store by matching the corresponding

call number owner's information transmitted in said (c) step with the received call

number in said (b) step and storing it in the memory of communication terminal. (page 3 of the translation, 15th paragraph following the header "The Structure and Function of the Invention (Device)", starting with "Moreover, the information...", i.e. further the requester presses the save key and the information received from the server is stored in the memory of the mobile communication device with the corresponding number)

Therefore it would have been obvious for one of ordinary skill in the art at the time of invention to utilize the teachings as in Dadream with the teachings as in Lee. The motivation for doing so would have been to allow for automatically storing additional information in a mobile communications terminal relating to a contact stored in the mobile (Dadream, 2nd page of the translation, Technical Problems Solved by the Invention).

However, they do not specifically disclose that the call number is taken from any one of a list of absent calls, received calls, or sent calls held in the memory of the communication terminal.

Moore teaches a method and system for linking call lo information to address book entries (title and abstract). He teaches the idea of call number taken from any one of a list of absent calls, received calls, or sent calls held in the memory of the communication terminal in column 4 lines 10-43.

Therefore it would have been obvious for one of ordinary skill in the art at the time of invention to utilize the teachings as Moore with the teachings as in the combination of Lee and Dadream. The motivation for doing so would have been to allow

for simple linking of call logs to address book entries for replying options for the user.
(Moore column 1 lines 8-10)

Regarding claim 21. Lee teaches a communication system (title and abstract)
comprising a plurality of owner terminals, each of which has a memory and a call
number management program which (Lee abstract and 2nd page of the translation
Structure and Function of the Invention (device) section, i.e. the user sends their profile
from their mobile to the profile DP for storage and the joining member inputs their
telephone number of the receiver) and a service provider's system having a database of
call numbers and associated call number owner's information (Lee abstract and 2nd
page of the translation Structure and Function of the Invention (device) section, i.e. the
user sends their profile from their mobile to the profile DP for storage and the joining
member inputs their telephone number of the receiver.);

However, he does not specifically disclose each terminal being adapted to query
the service provider's system to obtain the call number owner's information for numbers
in the list and to store that information.

Dadream teaches a method and system for automatically storing user
information in a mobile communication terminal (title and abstract). He teaches the idea
each terminal being adapted to query the service provider's system to obtain the call
number owner's information for numbers in the list and to store that information on page
3 of the translation, 14th paragraph following the header "The Structure and Function of
the Invention (Device)", starting with "In fig. 1, after the requester...", i.e. the user inputs
a phone number and connects to the information providing server, the information

providing server then transmits the object to the mobile communication terminal for storage in the mobile terminal.

Therefore it would have been obvious for one of ordinary skill in the art at the time of invention to utilize the teachings as in Dadream with the teachings as in Lee. The motivation for doing so would have been to allow for automatically storing additional information in a mobile communications terminal relating to a contact stored in the mobile (Dadream, 2nd page of the translation, Technical Problems Solved by the Invention).

However, they do not specifically disclose automatically generating a list of call numbers and storing it in the memory.

Moore teaches a method and system for linking call lo information to address book entries (title and abstract). He teaches the idea of automatically generating a list of call numbers and storing it in the memory in column 4 lines 10-15.

Therefore it would have been obvious for one of ordinary skill in the art at the time of invention to utilize the teachings as Moore with the teachings as in the combination of Lee and Dadream. The motivation for doing so would have been to allow for simple linking of call logs to address book entries for replying options for the user. (Moore column 1 lines 8-10)

Regarding claim 2. Dadream further teaches providing call number owner's information which has features of having a category information as additive information through wired or wireless communication terminal. (page 2 of translation, last

paragraph, i.e. information telephone number, or date of birth, email, names

photographs, thus different categories of information)

Regarding claim 3. Dadream further teaches wherein the information that has

call number owner's e-mail address, residence (firm) address, home page address,

image address, sketch map or selective combinations of these through wire/wireless

communication terminal. (page 2 of translation, last paragraph, i.e. information

telephone number, or date of birth, email, names photographs)

Regarding claim 4. Dadream further teaches the method provides the image

information which can be call number owner's photograph or advertisement image

through wire/wireless communication terminal. (page 2 of translation, last paragraph,

i.e. photographs)

Regarding claim 5. Dadream further teaches the method provides the call

number owner's information having additive information described above through

wire/wireless communication terminal. (title and abstract and page 2 of translation)

Regarding claim 9. Dadream further teaches the call number information-

providing server provides call number which has feature of being entered by the

communication terminal user directly by wire/wireless communication terminal. (page 3

of translation, i.e. the user inputs the telephone number using the mobile

communications terminal)

Regarding claim 10. Dadream further teaches the communication terminal has

feature of being mobile communication terminal or wire digital phone provides call

number owner's information by wire/wireless communication terminal. (title, and

abstract, i.e. mobile telecommunications terminal)

Regarding claim 12. Dadream further teaches the call number owner's

information has feature of having information of owner's e-mail address, residence or

business address, home page address, image information, sketch map or selective

combination of these. (page 2 of translation, last paragraph, i.e. email address,

photograph)

Regarding claim 13. Dadream further teaches the call number owner

information-providing server provides the owner's information which has the feature of

having owner's e-mail address, residence address or business address, home page

address, image information, sketch map or selective combination of these as additional

information. (page 2 of translation, last paragraph, i.e. email address, photograph)

Regarding claim 14. Dadream further teaches the call number owner's

information-providing system has feature of providing image information of call number

owner's photograph or advertisement image. (page 2 of translation, last paragraph, i.e.

photograph)

Regarding claim 15. Lee and Dadream teach the limitations of the previous

claim. However, they do not specifically disclose the call number owner's information-

providing system provides the information that has information about the mode of

opening the information. The examiner however takes official notice that the idea of the

call number owner's information-providing system provides the information that has

information about the mode of opening the information was well known and obvious to

one of ordinary skill in the art at the time of invention. The idea of providing information

about the mode of opening information being sent is extremely well known and widely

used in the wireless communications art and would have been obvious to one of

ordinary skill in the art at the time of invention in order to allow the mobile to understand

how to use the information it is receiving.

Regarding claim 20. Dadream further teaches wherein each owner terminal is a

mobile communication terminal or a wired digital phone. (title, abstract, i.e. mobile

communication terminal)

Allowable Subject Matter

5.   Claims 7 and 17 are objected to as being dependent upon a rejected base claim,

but would be allowable if rewritten in independent form including all of the limitations of

the base claim and any intervening claims.

Conclusion

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to MICHAEL T. THIER whose telephone number is

(571)272-2832. The examiner can normally be reached on Monday thru Friday 7:30-

4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Patrick Edouard can be reached on (571) 272-7603. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MICHAEL T THIER/
Examiner, Art Unit 2617
7/13/2010